

Kailan Sindelar

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ACADEMIC APPOINTMENTS

Assistant Professor of Technical Writing 2022-Present
University of North Florida | Department of English

EDUCATION

Ph.D in Rhetorics, Communication, and Information Design August 2022
Clemson University
Dissertation: "Rewilding with AR and VR: Facilitating Care with Photography in Physically Immersive Apps"

M.A. in English: Technical & Professional Writing Concentration May 2016
University of North Carolina at Charlotte

B.A. in English Language & Literature May 2014
University of North Carolina at Charlotte

PUBLICATIONS

Single-Author Academic Journal Articles

Sindelar, K. "From petishism to rewilding: Representations of wildlife in interactive media." *Journal of Environmental Media* 2, no. 2 (2021): 247-266. DOI: https://doi.org/10.1386/jem_00065_1

Co-Authored Academic Journal Articles

Browning, M., Shin S., Drong, G., McAnirlin, O., Gagnon, R., Ranganathan, S., **SINDELAR, K.**, Hoptman, D., Bratman, G., Yuan, S., Prabhu, V., Heller., W. "Daily Exposure to Virtual Nature Reduces Symptoms of Anxiety in College Students" *Scientific Reports*. Accepted; forthcoming 2023.

Yuan, S., Browning, M., McAnirlin, O., **SINDELAR, K.**, Shin, S., Drong, G., ... & Heller, W. (2023). A virtual reality investigation of factors influencing landscape preferences: Natural elements, emotions, and media creation. *Landscape and Urban Planning*, 230, 104616. DOI: <https://doi.org/10.1016/j.landurbplan.2022.104616>

Hartshorn, G., Browning, M., Madathil, K. C., Mau, F., Ranganathan, S., Todd, Maynard A., McAnirlin O., **SINDELAR K.**, Hernandez R., & Gomez, T. (2022). Efficacy of virtual reality assisted guided imagery (VRAGI) in a home setting for pain management in patients with advanced cancer: protocol for a randomised controlled trial. *BMJ open*, 12(12), e064363.

PUBLICATIONS CONT.

Academic Book Chapters

Sindelar, K. "Visualizing the Future of AR Environmental Communication." *The Wild: Image, Industry, and Technology*. Proposal Accepted. Chapter Under Review.

Sindelar, K. "Designing with care ethics in nature-based VR." *The changing face of VR: Pushing the boundaries of experience across multiple industries* (2022): 97.

GRANTS AND FELLOWSHIPS

University of North Florida | Digital Humanities Institute Faculty Fellowship \$10,000 | 2022
"Approaches and Experiences in Digital Humanities Interdisciplinary Research"
Jones, S., **Sindelar, K.**, Baynard, C., & Richardson, R.

University of North Florida | Institute of Environmental Research and Education Seed Grant \$8,960 | 2022
"Approaches and Experiences in Digital Humanities Interdisciplinary Research"
Sindelar, K. and Jones S

INVITED TALKS

"Approaches and Experiences in Digital Humanities Interdisciplinary Research"
Dharma Realm Buddhist University Ukiah, CA | 2022

"Connecting to Wildlife in VR"
Clemson Summer Scholars Clemson, SC | 2021

CONFERENCE PRESENTATIONS

Special Interest Group for the Design of Communication (SIGDOC)
"From Microverses to the Supposed Metaverse: Design Insights and Visions of a VR Future" Boston, MA | 2022

Rhetoric Society of America (RSA)
"Charging a Path of Listening with 360-degree Video" Baltimore, MD | 2022
Accepted. Unable to present.

Computers and Writing (C&W)
"Embracing the Other with Digitally-Mediated Practices" Greenville, NC | 2020
Event canceled due to COVID-19

Association of Teachers of Technical Writing (ATTW)
"Expanding Introductory TPC: Leveraging Affordances of Web VR" Milwaukee, IL | 2020
Event canceled due to COVID-19

CONFERENCE PRESENTATIONS CONT.

Rhetoric Society of America (RSA) “Hosting the Beast: Fostering Digital Relations with Nonhuman Animals” Event canceled due to COVID-19	Portland, OR 2020
Association for the Rhetoric of Science, Technology, and Medicine (ARSTM) “The Rhetoric of Infrastructure: Engagement with the Mundane”	Baltimore, MD 2019
Computers and Writing (C&W) “Visual Storytelling on the Go”	East Lansing, MI 2019
Digital Praxis Poster at CCCC “Rhetorical Realities of Augmented Animals”	Pittsburgh, PA 2019
Association of Teachers of Technical Writing (ATTW) “Virtually Visible Meaning: Criticism and Accountability in VR Data Visualizations”	Pittsburgh, PA 2019
Margins, Clemson University “Prehistoric Virtual Reality: Dinos as Totems in VR”	Clemson, SC 2019
New Voices, Georgia State University “Re-visualizing and Reprising Animal Suffering”	Atlanta, GA 2019
Association of Teachers of Technical Writing (ATTW) “Growing Activism through Microsites: NC H765 Highlights”	Houston, TX 2016

COURSES TAUGHT

I have independently taught and created all materials for the courses listed below.

ENC 6721: Studies in Composition Research

University of North Florida | Department of English

ENC 4260: Applied Technical Writing

University of North Florida | Department of English

ENC 3250: Professional Communications

University of North Florida | Department of English

ENC 3202: Professional Communication for Business

University of North Florida | Department of English

ENGL 3140: Technical Communication

Clemson University | Department of English

COURSES TAUGHT CONT.

ENGL 1030: Rhetoric and Composition

Clemson University | Department of English

ENGL 2116: Introduction to Technical Communication

UNC Charlotte | Department of English

LBST 2101: Virtual Values: Developing Videogames for and from the West

UNC Charlotte | Department of English

LBST 2101: Developing Western Culture in Video Game Localization

UNC Charlotte | Department of English

LBST 2213: Pokemon, Mixed Reality, and the Natural World

UNC Charlotte | Department of English

SERVICE

Academic

Faculty Advisor

University of North Florida | VR Club

2022—Present

Affiliate of the VR and Nature Lab

Clemson University | Parks, Recreation, and Tourism Management

2019—Present

Reviewer

Journal of Environmental Planning and Management

Online 2021

Organizer and Transcriber

Early Modern Paleography Society Transcribathon

Charlotte, NC | 2017

Transcriber

Folger Shakespeare Library Transcribathon

Washington, DC | 2015

Community

Charlotte Regional Science and Engineering Fair

Guest Judge

Charlotte, NC | 2019

Charlotte Science Olympiads

Guest Judge

Charlotte, NC | 2018

PROFESSIONAL DEVELOPMENT AND CONTINUING EDUCATION

Technology and Pedagogy

Accessibility Demonstration and Tour

South Carolina Chapter of The National Federation of the Blind

Columbia, SC | 2019

Assignment Tuning Workshop

Participant

Clemson, SC | 2019

Environmental Education

South Carolina Native Plant Certificate

Clemson Extension Program

Clemson, SC | 2019-2022

Master Gardener

Clemson Extension Program

Greenville, SC | 2020

ORGANIZATIONS

Rhetoric Society of America, Member

Multiple chapters

2018-Present

South Carolina Native Plant Society

Clemson University

2019-2022

Friends of the South Carolina Botanical Garden

Clemson University

2019-2022

Friends of Crowders Mountain

Charlotte, NC

2016-2022

Early Modern Paleography Society (EMPS), Member

UNC Charlotte

2017—2018

Early Modern Paleography Society (EMPS), Co-Founder and President

UNC Charlotte

2015—2016

INDUSTRY EXPERIENCE AND TECHNOLOGY SKILLS

Positions

Associate Technical Writer 2016—2017
Finance of America Commercial

Technical Writer 2016
TIAA

Software and Web Services

- ◆ Unity for AR App Creation
- ◆ Unity for VR App Creation
- ◆ Paraview
- ◆ Gephi
- ◆ Fusion 360
- ◆ Microsoft Visio
- ◆ WordPress
- ◆ Qualtrics
- ◆ Adobe InDesign
- ◆ Adobe Photoshop
- ◆ Adobe Premiere Pro
- ◆ Adobe Illustrator

Design and Composition

- ◆ 3D Modeling and Instruction
- ◆ UX Design
- ◆ Document Design
- ◆ Usability Testing
- ◆ Video Recording
- ◆ Video Editing
- ◆ Digital Publishing
- ◆ Report Writing
- ◆ Content and Copy Writing
- ◆ Grant Writing
- ◆ Social Media Marketing
- ◆ Blog and Vlog Creation

PRESS & AWARDS

Digital Rhetoric Collaborative

Featured in A Showcase of Digital Praxis Posters (DPP) at CCCC 2019 Online | 2019

Big Tent

Featured video discussing how I use AR and VR in the classroom Online | 2019

Atkins Library Graduate Student Award, UNC Charlotte

Graduate Student of the Year Award Charlotte, NC | 2016

UNC Charlotte Magazine

Multiple page layout features pictures of EMPS and our work Online and Print | 2016

Exchange Magazine, College of Liberal Arts and Science, UNC Charlotte

Articles discussing the Folger Shakespeare Library and the EMPS Transcribathon Online and Print | 2016

EMROC Guest Blogger

Blogs discussing online transcription work Online | 2015-2016